

Title (en)
ROTATING MACHINE WITH PULLEY AND BUILT-IN ONE-WAY CLUTCH

Title (de)
DREHMASCHINE MIT EINER RIEMENSCHLEIBE UND EINER EINGEBAUTEN EINWEGKUPPLUNG

Title (fr)
MACHINE TOURNANTE POSSÉDANT UNE POULIE ET UN EMBRAYAGE UNIDIRECTIONNEL INCORPORÉ

Publication
EP 2706269 A4 20161109 (EN)

Application
EP 12850758 A 20121122

Priority
• JP 2011257159 A 20111125
• JP 2012249855 A 20121114
• JP 2012080360 W 20121122

Abstract (en)
[origin: EP2706269A1] Construction of rotary machinery with a one-way clutch integrated pulley is achieved that is capable of reducing the manufacturing cost when the location in the axial direction of the one-way clutch integrated pulley 9a with respect to the rotary machinery 1a changes. In construction where a sleeve 10a of a one-way clutch integrated pulley 9a is supported by and fastened to a rotating shaft 4 in a housing 2, by placing a circular ring shaped spacer 35 between one end surface of the sleeve 10a and the other end surface of a support bearing 3 for the rotating shaft 4, it is possible to position the one-way clutch integrated pulley 9a in the axial direction with respect to the rotary machinery 1a without changing the length of the sleeve 10a for each type of vehicle.

IPC 8 full level
F16H 55/36 (2006.01); **F16D 41/066** (2006.01)

CPC (source: CN EP US)
F16D 1/10 (2013.01 - EP); **F16D 41/066** (2013.01 - CN US); **F16H 55/36** (2013.01 - CN EP US); **F16D 41/067** (2013.01 - EP);
F16D 2001/103 (2013.01 - EP)

Citation (search report)
• [XA] US 5675202 A 19971007 - ZENMEI KEISAKU [JP], et al
• [XA] US 5517957 A 19960521 - WAGNER JOERG [DE], et al
• [A] DE 10035488 A1 20020131 - SCHAEFFLER WÄELZLAGER OHG [DE]
• [A] US 3897988 A 19750805 - DICKINSON THORN W, et al
• See references of WO 2013077422A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2706269 A1 20140312; EP 2706269 A4 20161109; EP 2706269 B1 20180117; CN 103649595 A 20140319; JP 5673858 B2 20150218;
JP WO2013077422 A1 20150427; US 2014083812 A1 20140327; US 9261184 B2 20160216; WO 2013077422 A1 20130530

DOCDB simple family (application)
EP 12850758 A 20121122; CN 201280032189 A 20121122; JP 2012080360 W 20121122; JP 2013545969 A 20121122;
US 201213824353 A 20121122